APPLIED ENGINEERING AND TECHNOLOGY MANAGEMENT
Master of Science Program

This program is designed for people wanting to further their knowledge of industrial management, leadership, and technology. The program is intended for students having backgrounds in technology, engineering, science, or business management. Other backgrounds will be considered as long as the students have taken sufficient mathematics. Most graduates find employment in manufacturing or chemical processing industries.

Core Courses (Required, 18 credit hours)

CET 682 Industrial Ecology
IET 684 Engineering Economic Analysis
IET 687 Quality Control
IET 691 Industrial Operations
IET 693 Systems Management Technology
IET 695 Industrial Supervision

Typically, CET 682, IET 684, IET 691, and IET 693 are offered in the Fall semester, and IET 687 and IET 695 are offered in the Spring semester on campus. No core classes are offered in Summer semester.

IET 687 requires an introductory background in statistical analysis. Students without an undergraduate statistics course are encouraged to take MAT 135, CIS 243, or an equivalent course before taking IET 687.

On line courses are available through an agreement with WKU, EKU, and Morehead State that will substitute for many of the core courses. Contact the AETM program coordinator if you need to take one of these classes. Some courses from these other universities can also be counted as electives.

Electives (12 credit hours minimum)

Electives may be taken over a wide range of categories. Elective courses are the student's choice based on career interests, course availability, and satisfaction of any prerequisites. The choices must be approved by your advisor as a part of the program of study. HDL courses, e.g. HDL 660, HDL 670, and HDL 692 are recommended. Students also take a variety of COM courses. Students with a technical or science background or an interest in environmental management can take CET 655 and CET 681.

Presently, AETM students are typically not allowed to take courses with the following prefixes, regardless of academic background: ACC, BPA, CIS, FIN, MGT, and MKT. Enrollment in TSM courses is currently restricted to after the TSM students have enrolled.

Independent study, special problems, workshop, and similar courses will only be allowed in special circumstances as approved by your advisor and the course instructor.

Contact: mkemp@murraystate.edu for further program information. Contact graduate admissions or international graduate admissions for information on applying to or enrolling at Murray State University.